

# Index of Subjects

airborne scanning, 219-229  
 aquifer parameters, 151-158

Bairaman landslide dam, 257-270  
 book reviews, 91, 92, 169-172, 247, 248  
 borehole logging, on-site, 359-363

California bearing ratio, 319-327  
 Chalk aquifer, 329-339, 343-353  
 cement stabilized colliery shale, 207-218

geomorphological mapping, 231-239  
 granite, description and classification of, 31-48  
 groundwater near the Moray Firth, 145-150  
 groundwater resources of the Berkshire Downs, 329-339  
 groundwater sampling, 159-168

hydroelectric schemes, 231-239

Kielder dam, 111-130

landfill leachate, 241-246  
 landslide, Catak disaster, 93-95  
 laterite soils, 317-327  
 limestone mines, 1, 2

marl seams, 87-89  
 mathematical model of aquifer system, 331-337

microseismic techniques, 1-17  
 minewaters, 355-358  
 mining subsidence, 185-189

photogrammetry, 97-110  
 application to slope instability, 102-104  
 pockmarks, 131-138

rock slope design, 19-30  
 rockfall barrier design, 175-183

salt damage to roads and runways, 59  
 sands, relative density of, 49-58  
 sediment layering, 271-278  
 seismic attenuation, measurement of, 81, 82  
 seismic refraction, applications of, 81  
 profiles, 189, 191  
 seismic monitoring, 4-10  
 SERC soft clay test bed, 281-315  
 shear strength, 319-327  
 sidewall sampling in boreholes, 139-144  
 sulphur concrete, 195-206

water storage cisterns, Byzantine, 173, 174  
 well clogging, 75-80

## **Index of Localities**

- Berkshire Downs, UK, 329-341  
Bothkennar, Forth Estuary, 297-311  
Catak, Turkey, 93-95  
Dauney Hills, Nepal, 104  
Glanmire, Eire, 84, 85  
Hannover, FRG, 87-89  
Houghton-le-Spring, Co. Durham, UK,  
185-193  
Istanbul, Turkey, 173-174  
Kielder Water, Northumberland, UK,  
111-130  
Korea, 31-48  
Libya, 253-256  
Moray Firth, UK, 145-150  
Netherlands, 75-80  
New Britain, Papua New Guinea, 257-  
270  
North Sea, 131-138  
Northeast England, 355-358  
Northeastern Italy, 175-183  
Peru, 231-239  
Ripon, N Yorkshire, UK, 219-229  
Severn Estuary, UK, 284-291  
Scotland, 295-311  
Southern England, 50-56, 282-284  
Southwestern Nigeria, 317-328  
Thames Estuary, UK, 291-295  
Thames Valley, UK, 343-354  
Turks & Caicos Islands, West Indies,  
59-73  
Warrington, UK, 139-144  
West Midlands, UK, 1-18  
Worbarrow Bay, Dorset, UK, 104-106

# Index of Authors

Anderson, J. G. C., 111

Barker, J. A., 151

Barton, M. E., 49

Baxter, K. M., 159

Birch, G. P., 231

Brassington, F. C., 139

Browitt, C. W. A., 1

Chandler, J. H., 97

Clark, L., 159

Connorton, B. J., 329

Cook, J. M., 145

Cooper, A. H., 219

Czarnecki, B., 195

Damtoro, J., 359

deFreitas, M. H., 31

Edge, M. J., 271

Fookes, P. G., 59

Freer-Hewish, R. J., 59

Gillott, J. E., 195

Goulty, N. R., 185

Harrison, R., 355

Hawkins, A. B., 281

Herbert, R., 151

Hilbrecht, H., 87

Hovland, M., 131

Howsam, P., 139

Jackson, P. D., 1

Kettle, R. J., 207

King, J., 257

Kragh, J. E., 185

Larnach, W. J., 281

Lee, S. G., 31

Lloyd, I. M., 281

Loveday, I., 257

Lucey, P. A., 139

McCann, D. M., 1

McNicol, R., 111

Mather, J. D., 241

Matheson, G. D., 19

Meyer, T., 87

Miles, D. L., 145

Miller, A., 1

Moore, R., 97

Morton, J. A., 207

Murphy, B. J., 81

Nash, D. F. T., 281

Obika, B., 59

Ogunsanwo, O., 317

Paronuzzi, P., 175

Richards, J. A., 1

Robins, N. S., 145

Rosenbaum, M. S., 81

Rushton, K. R., 329

Schuster, R. L., 257

Scott, W. B., 355

Sills, G. C., 271

Smith, T., 355

Thomas, M. D. A., 207

Tomlinson, L. M., 329

van Beek, C. G. E. M., 75

Ward, C. R., 359

Younger, P. L., 343